

Title (en)

HEAT EXCHANGER LOW PRESSURE LOSS MANIFOLD

Title (de)

WÄRMETAUSCHERVERTEILER MIT NIEDRIGEM DRUCKVERLUST

Title (fr)

COLLECTEUR À FAIBLE PERTE DE PRESSION D'ÉCHANGEUR THERMIQUE

Publication

EP 3492858 B1 20220216 (EN)

Application

EP 18209933 A 20181203

Priority

US 201762593413 P 20171201

Abstract (en)

[origin: EP3492858A1] A heat exchanger (10) includes a plurality of flow passages (18) in thermal contact with a cooling flow (24). The plurality of flow passages (18) include a first end and a second end. An inlet manifold (12) is at the first end of the plurality of flow passages (18). The inlet manifold (12) includes a plurality of independent splitter passages that communicate airflow (22) to the first end of the plurality of flow passages (18). An exhaust manifold (14) is at the second end of the plurality of flow passages (18).

IPC 8 full level

F28F 9/02 (2006.01); **F28D 1/053** (2006.01)

CPC (source: EP US)

F28D 1/05366 (2013.01 - EP US); **F28F 9/0214** (2013.01 - US); **F28F 9/0243** (2013.01 - US); **F28F 9/0263** (2013.01 - EP US); **F28F 9/0265** (2013.01 - US); **F28F 9/0268** (2013.01 - EP US); **F28F 2009/029** (2013.01 - EP US)

Cited by

US11473854B2; EP3992565A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 3492858 A1 20190605; EP 3492858 B1 20220216; US 2019170453 A1 20190606

DOCDB simple family (application)

EP 18209933 A 20181203; US 201816185136 A 20181109